

WHAT IS CLAIMED IS:

1. A method of fabricating an optical film, comprising:
5 preparing a substrate;
rubbing the alignment layer; and
forming a liquid crystal layer on the alignment layer that includes an additive.
- 10 2. The method according to claim 1, wherein forming the liquid crystal layer comprises
coating a liquid crystal including the additive and plasticizing the liquid crystal on the
substrate.
- 15 3. The method according to claim 2, wherein plasticizing the liquid crystal including the
additive on the substrate uses one of ultraviolet rays or heat.
- 20 4. The method according to claim 1, wherein the additive is a surfactant.
5. The method according to claim 4, wherein the additive has both a hydrophobic group and a
hydrophilic group.
6. The method according to claim 5, wherein the additive includes dimethylsiloxane.
7. The method according to claim 1, wherein the liquid crystal layer is a cholesteric liquid
crystal layer.

8. The method according to claim 1, wherein the liquid crystal layer is a nematic liquid crystal layer.
- 5 9. The method according to claim 1, wherein the liquid crystal layer is a smectic liquid crystal layer.

1000-500-0663360